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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/014,363

DATE: 01/02/2002
 TIME: 14:37:07

Input Set : A:\CD Seq.20805.txt
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3 <110> APPLICANT: Burg, Josef
 4 Engel, Alfred
 5 Franze, Reinhard
 6 Hilger, Bernd
 7 Schurig, Hartmut Ernst
 8 Tischer, Wilhelm
 9 Wozny, Manfred
 11 <120> TITLE OF INVENTION: Erythropoietin Conjugates
 13 <130> FILE REFERENCE: Case 20805
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/014,363
 C--> 15 <141> CURRENT FILING DATE: 2001-12-11
 15 <160> NUMBER OF SEQ ID NOS: 5
 17 <170> SOFTWARE: PatentIn version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 165
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
 26 <400> SEQUENCE: 1
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 34 Cys Ser Leu Asn Glu Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe
 35 35 40 45
 37 Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp
 38 50 55 60
 40 Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu
 41 65 70 75 80
 43 Leu Val Asn Ser Ser Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp
 44 85 90 95
 46 Lys Ala Val Ser Gly Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu
 47 100 105 110
 49 Gly Ala Gln Lys Glu Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala
 50 115 120 125
 52 Pro Leu Arg Thr Ile Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val
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 64 <211> LENGTH: 166
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Homo sapiens
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 71 1 5 10 15

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73 Leu Glu Ala Lys Glu Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His
 74 20 25 30
 76 Cys Ser Leu Asn Glu Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe
 77 35 40 45
 79 Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp
 80 50 55 60
 82 Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu
 83 65 70 75 80
 85 Leu Val Asn Ser Ser Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp
 86 85 90 95
 88 Lys Ala Val Ser Gly Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu
 89 100 105 110
 91 Gly Ala Gln Lys Glu Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala
 92 115 120 125
 94 Pro Leu Arg Thr Ile Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val
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 97 Tyr Ser Asn Phe Leu Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala
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 117 Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu Asn Ile Thr
 118 35 40 45
 120 Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg Met Glu Val
 121 50 55 60
 123 Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu Leu Ser Glu
 124 65 70 75 80
 126 Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser Gln Pro Trp
 127 85 90 95
 129 Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly Leu Arg Ser
 130 100 105 110
 132 Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu Ala Ile Ser
 133 115 120 125
 135 Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile Thr Ala Asp
 136 130 135 140
 138 Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu Arg Gly Lys
 139 145 150 155 160
 141 Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg Thr Gly Asp Arg
 142 165 170
 146 <210> SEQ ID NO: 4
 147 <211> LENGTH: 169

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159 Ala Glu His Cys Ser Leu Asn Glu Asn Ile Thr Val Pro Asp Thr Lys
160 35 40 45
162 Val Asn Phe Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val
163 50 55 60
165 Glu Val Trp Gln Gly Leu Ala Leu Ser Glu Ala Val Leu Arg Gly
166 65 70 75 80
168 Gln Ala Leu Leu Val Asn Ser Ser Gln Pro Trp Glu Pro Leu Gln Leu
169 85 90 95
171 His Val Asp Lys Ala Val Ser Gly Leu Arg Ser Leu Thr Thr Leu Leu
172 100 105 110
174 Arg Ala Leu Gly Ala Gln Lys Glu Ala Ile Ser Pro Pro Asp Ala Ala
175 115 120 125
177 Ser Ala Ala Pro Leu Arg Thr Ile Thr Ala Asp Thr Phe Arg Lys Leu
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180 Phe Arg Val Tyr Ser Asn Phe Leu Arg Gly Lys Leu Lys Leu Tyr Thr
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199 Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu Ala Glu Asn
200 20 25 30
202 Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu Asn Ile Thr
203 35 40 45
205 Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg Met Glu Val
206 50 55 60
208 Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu Leu Ser Glu
209 65 70 75 80
211 Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser Gln Pro Trp
212 85 90 95
214 Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly Leu Arg Ser
215 100 105 110
217 Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu Ala Ile Ser
218 115 120 125
220 Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile Thr Ala Asp
221 130 135 140
223 Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu Arg Gly Lys

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226	Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg		Thr Gly Asp Arg	
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/014,363

DATE: 01/02/2002

TIME: 14:37:08

Input Set : A:\CD Seq.20805.txt

Output Set: N:\CRF3\01022002\J014363.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date